

04/06/01  
JC985 U.S. PTO

04-09-01

A/RE

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PTO/SB/50 (02-01)  
Approved for use through 01/31/2004. OMB 0651-0033  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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## REISSUE PATENT APPLICATION TRANSMITTAL

<b>Address to:</b>  <b>Assistant Commissioner for Patents</b> <b>Box Reissue</b> <b>Washington, DC 20231</b>	<b>Attorney Docket No.</b>	843161-85
	<b>First Named Inventor</b>	Grouell
	<b>Original Patent Number</b>	5,892,655
	<b>Original Patent Issue Date</b> (Month/Day/Year)	04/06/1999
	<b>Express Mail Label No.</b>	EL640512928US

**APPLICATION FOR REISSUE OF:**  
(Check applicable box)



Utility Patent



Design Patent

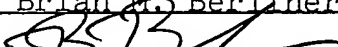


Plant Patent

APPLICATION ELEMENTS (37 CFR 1.173)	ACCOMPANYING APPLICATION PARTS
1. <input checked="" type="checkbox"/> Fee Transmittal Form (PTO/SB/56) (Submit an original, and a duplicate for fee processing)	10. <input checked="" type="checkbox"/> Statement of status and support for all changes to the claims. See 37 CFR 1.173 (c).
2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.	11. <input type="checkbox"/> Original U.S. Patent for surrender
3. <input checked="" type="checkbox"/> Specification and Claims in double column copy of patent format (amended, if appropriate)	<input type="checkbox"/> Ribbonded Original Patent Grant
4. <input checked="" type="checkbox"/> Drawing(s) (proposed amendments, if appropriate) 1 sheet - no changes	<input type="checkbox"/> Statement of Loss (PTO/SB/55)
5. <input checked="" type="checkbox"/> Reissue Oath/Declaration (original or copy) (37 C.F.R. § 1.175) (PTO/SB/51 or 52)	12. <input type="checkbox"/> Foreign Priority Claim (35 U.S.C. 119) (if applicable)
6. <input checked="" type="checkbox"/> Power of Attorney	13. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations
7. Original U.S. Patent currently assigned? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (If Yes, check applicable box(es))	14. <input type="checkbox"/> English Translation of Reissue Oath/Declaration (if applicable)
<input type="checkbox"/> Written Consent of all Assignees (PTO/SB/53)	15. <input checked="" type="checkbox"/> Preliminary Amendment
<input checked="" type="checkbox"/> 37 C.F.R. § 3.73(b) Statement (PTO/SB/96)	16. <input type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
8. <input type="checkbox"/> CD-ROM or CD-R in duplicate, Computer Program (Appendix) or large table	17. Other: .....
9. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all of the following are necessary)	.....
a. <input type="checkbox"/> Computer Readable Form (CFR)	.....
b. Specification Sequence Listing on: i <input type="checkbox"/> CD-ROM (2 copies) or CD-R (2 copies); or ii <input type="checkbox"/> paper	
c. <input type="checkbox"/> Statements verifying identity of above copies	

### 18. CORRESPONDENCE ADDRESS

<input type="checkbox"/> Customer Number or Bar Code Label	(Insert Customer No. or Attach bar code label here)			or <input checked="" type="checkbox"/> Correspondence address below
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<b>NAME</b> (Print/Type)	Brian M. Berliner	<b>Registration No. (Attorney/Agent)</b>	34,549
<b>Signature</b>		<b>Date</b>	April 6, 2001

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Reissue, Washington, DC 20231.

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## REISSUE APPLICATION FEE TRANSMITTAL FORM

Docket Number (Optional)  
843161-85

## Claims as Filed - Part 1

Claims in Patent		Number Filed in Reissue Application	(3) Number Extra	Small Entity		Other than a Small Entity	
				Rate	Fee	Rate	Fee
(A) 3	Total Claims (37 CFR 1.16(j))	(B) 22	**** 2 =	x \$ _____ =		or	x \$18 = 36.00
(C) 1	Independent claims (37 CFR 1.16(i))	(D) 4	* 3 =	x \$ _____ =			x \$80 = 240.00
Basic Fee (37 CFR 1.16(h)) \$ _____							\$710.00
Total Filing Fee \$ _____						OR	\$986.00

## Claims as Amended - Part 2

	(1) Claims Remaining After Amendment		(2) Highest Number Previously Paid For	(3) Extra Claims Present	Small Entity		Other than a Small Entity	
					Rate	Fee	Rate	Fee
Total Claims (37 CFR 1.16(j))	***	MINUS	**	* =	x \$ _____ =		x \$ _____ =	
Independent Claims (37 CFR 1.16(i))	***	MINUS	*****	=	x \$ _____ =		x \$ _____ =	
Total Additional Fee \$ _____						OR	\$ _____	

\* If the entry in (D) is less than the entry in (C), Write "0" in column 3.

\*\* If the "Highest Number of Total Claims Previously Paid For" is less than 20, Write "20" in this space.

\*\*\* After any cancellation of claims.

\*\*\*\* If "A" is greater than 20, use (B - A); if "A" is 20 or less, use (B - 20).

\*\*\*\*\* "Highest Number of Independent Claims Previously Paid For" or Number of Independent Claims in Patent (C).

☐ Applicant claims small entity status. See 37 CFR 1.27.☐ Please charge Deposit Account No. \_\_\_\_\_ in the amount of \_\_\_\_\_.  
A duplicate copy of this sheet is enclosed.☒ The Commissioner is hereby authorized to charge any additional fees under 37 CFR 1.16 or 1.17 which may be required, or credit any overpayment to Deposit Account No. 50-0639.  
A duplicate copy of this sheet is enclosed.☒ A check in the amount of \$ 986.00 to cover the filing / additional fee is enclosed.☐ Payment by credit card. Form PTO-2038 is attached.**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

April 6, 2001

Date



Signature of Applicant, Attorney or Agent of Record

Brian M. Berliner (34,549)

Typed or printed name

JC985 U.S. PTO  
04/06/01

09828245 040601

PATENT

Docket No.: 843161-85

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re reissue application of: William L. Grouell (USP 5,892,655)

For: HARD DISK DRIVE HEAT SINK

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**CERTIFICATE OF MAILING**

BOX REISSUE  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

"EXPRESS MAIL" Mailing Label No.: EI640-512928US

Date of Deposit: April 6, 2001

I hereby certify that an Application For Reissue, including:

Reissue Patent Application Transmittal; Reissue Application Fee Transmittal including a check in the amount of \$986.00 to cover the filing fee; Preliminary Amendment (including statement of status and support for all changes to the claims); photocopy of issued patent; Reissue Application Declaration; Assent Of Assignee To Reissue; Power Of Attorney; and Return Postcard are being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Box CPA, Washington, D.C. 20231.

Date of Deposit: April 6, 2001

  
Rudy C. Bautista

PATENT  
843161-85

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re REISSUE APPLICATION OF  
WILLIAM L. GROUELL

Art Unit:

Filed: April 5, 2001

Examiner:

Original Patent No.: 5,892,655

Issued: April 6, 1999

Title: Hard Disk Drive Heat Sink

ASSENT OF ASSIGNEE TO REISSUE

Box REISSUE

Assistant Commissioner for Patents  
Washington, D.C. 20231

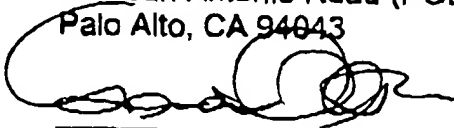
Sir:

Sun Microsystems, Inc., the assignee of all rights in the above-identified patent by virtue of an Assignment recorded on December 8, 1997, at Reel 5887, Frame 0057, hereby assents to reissue of the U.S. Patent No. 5,045,814, in the above-identified patent application.

In accordance with 37 C.F.R. 3.73, the assignee hereby certifies that the evidentiary documents with respect to its ownership have been reviewed and that, to the best of the assignee's knowledge and belief, title is in the assignee seeking to take this action.

Sun Microsystems, Inc.  
901 San Antonio Road (POL01-521)  
Palo Alto, CA 94043

Date: April 6, 2001

  
Kenneth Olsen - Reg. No. 26,493  
Vice President of Intellectual Property  
of Sun Microsystems, Inc.